

20001024.qrp v01_n985.qrl.20001024

Date: Tue, 24 Oct 2000 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1985

QRP-L Digest 1985

Topics covered in this issue include:

- 1) [81965] Re: Ron Heard ME!
by "dwinfield" <dendav@dzdn.com>
- 2) [81966] Good Fox Hunt
by w2xn@juno.com
- 3) [81967] Need HW8 mod info
by mjfitz@uswest.net
- 4) [81968] An Epiphyte is
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 5) [81969] Re: cleaning circuit boards
by "Trevor Jacobs" <fxtech@earthlink.net>
- 6) [81970] 30M DX at 0404Z
by david gauding <nf0r@slacc.com>
- 7) [81971] Re: Milliwatt WAS Challenge de LZ2RS
by Bob Kellogg <ae4ic@nr.infi.net>
- 8) [81972] Re: Sierra 20M band module-low
by Don Minkoff <cowchip@mediaone.net>
- 9) [81973] circuit boards
by Fran Flynn <fflynn@together.net>
- 10) [81974] RE: How does this solder compare to the Kester?
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 11) [81975] Received Epiphyte in JA
by Junichi Nakajima <nakaji@crl.go.jp>
- 12) [81976] Fixed the Chirp in my SMK-1!!!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 13) [81977] Re: Pacificon Operating Contest This Year and Next Year
by Mighty Mik <mightymik2@home.com>
- 14) [81978] Dual CQ's, etc...
by Bob Patten <n4bp@bc.seflin.org>
- 15) [81979] FT817- first QSO at Pacificon
by lite65 <lite65@earthlink.net>
- 16) [81980] RE: Manhattan Style Example
by Tom and Roxy <zikot@erie.net>
- 17) [81981] QRP QSO's From Pittsburgh
by Tom and Roxy <zikot@erie.net>
- 18) [81982] Re: Need HW8 mod info
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 19) [81983] Re: Need HW8 mod info

- by "John Burnley" <burnleyia@home.com>
- 20) [81984] Re: NVIS antennas
by George Murphy <VE3ERP@ENCODE.COM>
- 21) [81985] Re: Vertical Antennas
by Bill Coleman AA4LR <aa4lr@radio.org>
- 22) [81986] XCVR: #3
by Richard Matthews <prm@hiwaay.net>
- 23) [81987] RE: QRP Kit- which one ?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 24) [81988] It's a Bird, it's a plane, No.. It's
by Paul Stroud <aa4xx@ipass.net>
- 25) [81989] Re: It's a Bird, it's a plane, No.. It's
by Bill Walker <windal@azstarnet.com>
- 26) [81990] FOX: K2QO Tonight 9PM Eastern Time
by "Mark Adams" <k2qo@hotmail.com>
- 27) [81991] New Hams
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 28) [81992] Re: It's a Bird, it's a plane, No.. It's
by "Mike Yetsko" <myetsko@insydesw.com>
- 29) [81993] PSK31 regional QRP nets?!
by Jim Hale <kj5tf@yahoo.com>
- 30) [81994] RE: NiMH Battery Issue with MFJ 259B Analyzer ***Problem Solved
- Operator Error***
by Sam Billingsley <SBillingsley@usaninc.com>
- 31) [81995] QRP Running of the Bulls
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 32) [81996] Re: FT817- first QSO at Pacificon
by Tom Mc <tjmc@erols.com>
- 33) [81997] Re: Pacificon Operating Contest This Year and Next Year
by Allan G Taylor <k7gt@qsl.net>
- 34) [81998] SST20 for sale: part deux
by Allan G Taylor <k7gt@qsl.net>
- 35) [81999] SMT Transistor Freebee
by "Arthur G. Silvers" <ags@ieee.org>
- 36) [82000] Brass Tubing Sources -- Summary
by "Chuck Carpenter" <w5usj@globeco.net>
- 37) [82001] Mystery Science Theatre 2000: 80M Warbler
by "Dave Benson" <nn1g@earthlink.net>
- 38) [82002] Re: SMT Transistor Freebee
by "Trevor Jacobs" <fxtech@earthlink.net>
- 39) [82003] Re: SST20 for sale: part deux
by "Arthur G. Silvers" <ags@ieee.org>
- 40) [82004] Re: FOX: QRP-L Cub Fox Hunt underway!
by Bob Nielsen <nielsen@oz.net>
- 41) [82005] Re: SMT Transistor Freebee
by "L. Mark Pilant" <n1vqw@arrl.net>
- 42) [82006] [OT] Saturday on 27.505
by Michael Melland <badger@vbe.com>

- 43) [82007] FS HF station and accessories
by Michael Neverdosky <mneverdosky@earthlink.net>
- 44) [82008] Electronic surplus components in Taipei
by Bradley Mitchell <wb8ygg@juno.com>
- 45) [82009] Re: 10/22 QRP Contest Overly aggressive Operating Practice,or is
itjust Me???
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 46) [82010] Re: 10/22 QRP Contest Overly aggressive Operating Practice,or is
itjust Me???
by "Mike Yetsko" <myetsko@insydesw.com>
- 47) [82011] Re: FS HF station and accessories
by Michael Neverdosky <mneverdosky@earthlink.net>
- 48) [82012] RE: Manhattan Style, Solder, and Pacificon
by Mike Gipe <mgipe@reliablemeters.com>
- 49) [82013] Re: It's a Bird, it's a plane, No.. It's
by K2UD@aol.com
- 50) [82014] Re: Manhattan Style Example
by "John J. McDonough" <wb8rcr@arrl.net>
- 51) [82015] FOX: Cry Havoc....
by "Marshall Emm" <mgemm@ntechnologies.com>
- 52) [82016] Fox Terriers tremble?
by "Karl F. Larsen" <k5di@zianet.com>
- 53) [82017] FOX: Cub Fox Hunt 1 Log
by Ron Majewski <majewski@erim-int.com>
- 54) [82018] Re: FOX: Cub Fox Hunt 1 Log
by "George, W5YR" <w5yr@att.net>
- 55) [82019] Digipan System Requirements?
by wb2vuo@juno.com
- 56) [82020] Re: Digipan System Requirements?
by "Dan W. Dooley" <dandooley@pipeline.com>
- 57) [82021] 160M mobile, ant. shootout
by "Stuart Rohre" <rohre@arlut.utexas.edu>

Date: Mon, 23 Oct 2000 21:25:23 -0600
From: "dwinfield" <dendav@dzn.com>
To: "qrp-l" <qrp-l@lehigh.EDU>
Subject: [81965] Re: Ron Heard ME!
Message-ID: <005d01c03d6a\$0c845240\$c826fea9@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I never heard him here, and I'm only 45 miles or so down Interstate 10 from K5DI. I was using Karl as my point man, but never heard Ron at all. As a matter of fact, I couldn't hear most of the hounds. Did hear Mac AF4PS (I

think, sort of). Heard a couple of other W5 hounds, too, but just struck out.

72/73 es oo,

Dave, KB5MHS
El Paso
Far Left Texas, DM61ts

SOC #371, Flying Pig #-109, QRP-L #2176

QRP - It's a swine thing

Karl wrote:

> Well at 0220 Ron W8RU began to peak up in Southern NM. He got to
> 229 and I was able to copy guys he was working better than him. He may
> have switched to HIS vertical. Have a lil Mexican phone interference and a
> lot of QRN from a wonderful rain storm.

>

> I called him 4 times and WOW back he came. We exchanged lousy
> signal reports and I have the first Fox Pelt under my arm. Sure is nice to
> have a good Fox. So back to listen some more. He might peak to 449 before
> the 2 hours are over.

>

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

>

>

Date: Mon, 23 Oct 2000 23:21:18 -0400

From: w2xn@juno.com

To: qrp-l@lehigh.edu

Subject: [81966] Good Fox Hunt

Message-ID: <20001023.232121.-713077.6.w2xn@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Tonite for the hounds in FL was a chance to show how good of operators we were. Ron, you were "mud" almost all during the hunt. Once in a rare while, you popped up a little to where we could hear you. Sounded like you were working them for the whole hunt since we could hear the hounds. Sounded good from this end on listening to the hounds.

Thanks for doing the first Cub Fox Hunt. You did a great job of it.

And yes, tnx for the pelt at 0243z

Fred W2XN w2xn@arrl.net
ARRL, ARES, Skywarn #POL-007, V E;
QRP: AR #233, QRP-L #1728, NJ #197, Zombie #709, FP #126

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 23 Oct 2000 22:35:51 -0500
From: mjfitz@uswest.net
To: qrp-l@Lehigh.EDU
Subject: [81967] Need HW8 mod info
Message-ID: <39F50397.30B1EF8C@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Picked up a nice HW8 at the 'fest yesterday. Would like to find info on any mods for the rig. Dr. Megacycle just informed me that the output filter cores change permeability over time...that explains a couple of "quirks" so far. I have a file of the HW7 mods, but nothing on the HW8.

I do have the manual and all the paperwork for it. It also still has the original Heathkit final...puts out about 2.3 W (14 V) on 80 M, but the output is low on the other bands, the signal disappearing in the output filter. I have cores to replace these bad ones, but it would be nice to see what others have done first before I go tearing into it.

thanks a bunch!
Mike NOMF

Date: Tue, 24 Oct 2000 03:56:16 GMT
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [81968] An Epiphyte is
Message-ID: <F312xidGVwPGxgelXDe0000d04e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The Epiphyte 3 is a 75 M SSB transceiver kit designed by VE7QK that was offered recently by NorCal and sold out 100 units in less than 24 hours. I was one of the lucky ones that got an order in quick enough via e-mail, and now the proud operator of kit #75. I don't know of any web sites that give much of a description of them (was kind of looking for info after I placed my order wondering just what it was I was getting). There may be a write-up coming out in one of the qrp publications, likely QRPP from NorCal. Basically its a VFO control transceiver with a 455 KHz IF and a MOSFET PA putting out around 8 W PEP. The design is rather clever, making maximum use of components. The board itself is about 3 by 6 inches, has 6 ICs, 4 transistors, a few diodes, a 455 KHz SSB filter, and other assorted "stuff". For those that missed out, I hope you now have an idea of what this little gem is, and perhaps may get a chance to get one if there is ever another batch kitted up.

73 - Mike WA8BXN

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Date: Mon, 23 Oct 2000 20:58:44 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <ac5ez@webtv.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [81969] Re: cleaning circuit boards
Message-ID: <004101c03d6e\$b4c85a60\$c298b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Larry,

It kind of depends on what type of PCB you are cleaning. Alcohol will make a mess on PCB's that are designed to be cleaned with water (you get a sticky mess). The best thing I've found is to wash the circuit board with

HOT soapy (any dish detergent) water before you start to assemble the board, let it dry off (or bake it dry) and then clean it with alcohol before you start to put it together. This way, after you are done putting it together, you can use isopropyl alcohol to clean the excess flux off of the board. The other option is to go with a "No Clean" solder that leaves very little residue on the PCB. These are the methods that I use and they work well for me. Good luck in your projects! Take care...

73

Trev

KG6CYN

----- Original Message -----

From: Larry <ac5ez@webtv.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, October 23, 2000 4:34 PM

Subject: cleaning circuit boards

> What is the best way to clean a circuit board ? Alcohol and a cotton swap
> ?
>
> K1zw
> Larry
> Qcwa
>
>

Date: Mon, 23 Oct 2000 22:54:15 -0500

From: david gauding <nf0r@slacc.com>

To: qrp-l@lehigh.edu

Subject: [81970] 30M DX at 0404Z

Message-ID: <5.0.0.25.0.20001023224939.00a529b0@bbs.galilei.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

EA8/OK2B0B/P at 0404Z on 10.101

Worked on 1W from MO with Corsair I to St. Louis Express Vertical.

Bob is looking for stations at 0406Z. Good luck!

de Dave, NF0R nf0r@slacc.com

Date: Mon, 23 Oct 2000 23:53:07 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: kj5tf@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [81971] Re: Milliwatt WAS Challenge de LZ2RS
Message-ID: <39F507A3.917B6E3C@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

He was active. I worked him on at least two bands.

Jim Hale wrote:

> I sent him the info on the ARCI QSO Party in time, so
> lets hope some of you had a chance to work him.

--

73,
Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Mon, 23 Oct 2000 21:53:47 -0700
From: Don Minkoff <cowchip@mediaone.net>
To: qrp-l@Lehigh.EDU
Subject: [81972] Re: Sierra 20M band module-low
Message-ID: <39F515DB.4A5195EE@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Before there was a K2 and even now with the K2 I started fooling around with my Sierra again.

I cannot get more than 100mw out of the 20M band module. Does anyone have any suggestions what could be wrong? This has really never worked past the QRPp mode. 30 and 40 meters are fine. 10 is also low.

--

Don - NK6A
QRP-L 1517

QRP-ARCI 4826

Date: Tue, 24 Oct 2000 00:57:54 -0400
From: Fran Flynn <fflynn@together.net>
To: ac5ez@webtv.net, qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [81973] circuit boards
Message-ID: <39F516D2.DC6A00AF@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>What is the best way to clean a circuit board ? Alcohol and a >cotton
swab?

>K1zw
>Larry

I use abrasive copper cleaner and green 3M "Scotchbrite" pads, with some water in a sink, then rinse with water, let dry and wipe with some clean paper towels with alcohol. Make it nice and shiny, any sort of grease or fingerprints means that area of the board won't etch as easily. 91% iso is ok, you can usually find that at a drug store. 70% can be used also, but there's more water and perhaps other impurities in it.

Ideally you want to clean with 99% isopropyl but that is hard to find and not cheap.
I get away with the 91% and still make good boards at home.

There is a lot of published information on making circuit boards at home but...

email if questions, happy to answer.

Fran Km1z

Date: Tue, 24 Oct 2000 00:59:54 -0400
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
To: <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [81974] RE: How does this solder compare to the Kester?

Message-ID: <LPBBJAGIPFHKPJENAKL00EGNCMAA.n1bq@wulfdn.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I found this URL at the Oak Hills Research website pointing to a source
of kester 245 "no clean" type solder

<<http://www.morsex.com/tools/index.htm/#k245>

73 de brian, n1bq

>
> -----Original Message-----
> From: ABCQRP
> Sent: Monday, October 23, 2000 5:03 PM
> To: Low Power Amateur Radio Discussion
> Subject: How does this solder compare to the Kester?
>
>
> Hi Solder Gurus,
> I wonder if anyone can give a thumbs up on what I have
> in relation to the recommended Kester product.
> All the info on the roll is:
> Metal - SN63
> Diameter - .028 in/.71 mm
> Type - WRAP3
> Lot - W-902040
> and there is also 026A stamped on the label. It is
> under the label "Multicore Solders" QQS-571
> There that is all that is on the label.
> Also I looked on the RadioShack website and searched
> under "Kester" and nothing came up, is there a better
> way to search? Maybe a radio shack stock number?
> 73/72,
> Jack
>
>
> -----
> Do You Yahoo!?
> Yahoo! Messenger - Talk while you surf! It's FREE.
> <http://im.yahoo.com/>
>

Date: Tue, 24 Oct 2000 15:39:00 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-l@Lehigh.EDU
Subject: [81975] Received Epiphyte in JA
Message-ID: <200010240637.PAA03086@ryuu.crl.go.jp>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Dear Epiphyte Project Staff,

I received my Epiphyte yesterday.
Very nice board and interesting parts are included.
Here I met the IRF510 again which
I have not seen since the NC38Sp boost up.

Understanding the long history of Epiphyte, effort of
design, packaging and distribution works,
I will do my best to build my Epiphyte.

Thank you very much.

Junichi Nakajima,
JL1KRA/QRP

Date: Mon, 23 Oct 2000 23:57:01 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <NB6M@aol.com>, "Dave Fifield" <fifield@pacbell.net>
Subject: [81976] Fixed the Chirp in my SMK-1!!!
Message-ID: <008201c03d87\$ca03cd60\$c298b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I'm sure that by now, Wayne McFee and Dave Fifield are tired of me asking about the chirp in my SMK-1. Boy this was a learning experience. As a guy that works and designs digital hardware and software, I realized how little I really knew about RF circuits! It's fine to learn in a text book when in college (11 years ago for me - and they didn't get too deep into RF!) but electronics is so specialized these days that I haven't had to work with these kind of circuits in a while (only in college), and realized how little I knew about RF/analog circuit analysis (been a while since the Prof put an analog circuit on the board and asked us what it did!!!).

I built an SMK-1 this last weekend and after I had finished it had quite

a bit of chirp in the transmitter. It sounded like an old tube rig with a bad oscillator tube. I compare it to this, because I used to have an old homebrew 3 tube rig that developed this problem. It had a case of the WOOP WO000OPS. Well, I tried a few things after looking at the schematic and getting an e-mail from Wayne recommending voltage regulation of the VR3 and diodes D6 and D7 that shift the transmit frequency. I regulated the voltage to VR3, the transmit tune pot with a 78L08 and appropriate caps, But it still didn't work. So, I removed C20 to isolate the oscillator from the load. Then I played around with a few things that Dave had suggested including re-biasing Q2 and also changing the series resistance of the XTAL (Xc). Well it still didn't work right. I was starting to think that this was just the norm for the TT2/SMK-1, but then I realized today while at work that I had built single transistor oscillators back in my Novice days that didn't sound this bad. I know that when you key an oscillator you are always going to have a bit of instability, but this WOOP WO000OP was way beyond what I'd expect. I just couldn't believe that this was what the NorCal web page described as "a slight bit of chirp"! So, what was the solution? Well I started again after work tonight to try and solve it. I'd been thinking about it all day, and it was interfering with my time at work (don't let my boss know!!! ;-)) You know how it is when you get into a project, everything else seems pale by comparison. Anyway, after going through Doug DeMaw and Wes Hayward's books, and re-biasing and changing the feedback cap values and other things (basically changed every component in the oscillator circuit, not to mention pulling R21 thinking that the rise time of C27 might be messing with the oscillator!) last night, I realized that basically the only component I hadn't messed with was the transistor. Guess what, that was it! I replaced the Q2 SMD Transistor with a metal can through hole variety 2N2222 from General Semi that I had here in the Lab/Shack and everything came online as it should. I was pretty carefully putting this together, but maybe it got too hot or something. BTW I found the SMD parts to be fairly resilient if handled correctly. I put all of the stock parts back on my SMK-1 after I found the problem and had no problems with failure, even the caps which are prone to this.

You know what, I'm darn glad that it DIDN'T work right off. I learned WAY more this way than if it just worked. Thanks Dave and Wayne for putting up with my annoying questions and returning answers. I tell you what, Amateur Radio Ops are great for sharing knowledge! Too bad the rest of the world can't follow. I hope that I can help some of you out one of these days. If it's digital I can do it right now, but I think I've still got a bit to learn on the analog side.

Speaking of Analog, Devices that is, I just got my eval board from AD for the AD9835 DDS chip. It's the chip that is the front end of the SWL-DSW rigs. In fact, that's how I found out about it. Well, I'm going to take my favorite microcontroller and this device and try to come up with a digital universal VFO for these little rigs, including LED display of frequency, RIT, and SPOT options of course. Might even be able to add A/B VFO, I don't see why not. Any other features I'm missing??? Like I said, I can handle the Digital, it's the analog I have trouble with!

One final word, I'd like to thank Norcal and Dave Fifield for providing us with such good quality and fun kits! This PCB is the highest quality I've ever seen in a kit for \$34! Plus it gives us all a chance to try surface mount technology. After all guys, it's the wave of the future! Take care...

73
Trev
KG6CYN

Date: Tue, 24 Oct 2000 00:14:35 -0700
From: Mighty Mik <mightymik2@home.com>
To: ki6ds@dpol.k12.ca.us
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [81977] Re: Pacificon Operating Contest This Year and Next Year
Message-ID: <5.0.0.25.0.20001024000841.01d2d390@mail>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:41 PM 10/23/00 -0700, you wrote:
>"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Now about next year's contest. We are going to have to have some restrictions on the antennas, so here they are:
Total length of the antenna from top to bottom, or side to side is 8 feet.
In other words you can have a dipole that is 4 feet on a side, or an 8 foot vertical. No support from the walls or ceiling.

This is where it gets interesting. Power Limit is 1 watt. You may use any radio, on any band from 1.8 through 440!! Radio's must be battery powered. You may work a station once per band. No band multipliers. Your score is number of qso's, period. CW only. You may use more than one radio, but only one radio may have power on it at any time. To give you an example. I could work Jim Cates on 160, 80, 40, 20, 15, 10, 6, 2 and whatever 440 is. No Warc bands (I learned my lesson).

440 = 70 cm band.
i like this...a 1/4 wave on 6 meters is 5'6", which is how tall i am. maybe this will encourage some post-sunspot peak VHF/UHF QRP activity.

one can only hope one of the clubs kits something.

de WD8MNV/6

Subject: [81979] FT817- first QSO at Pacificon
Message-ID: <39F55666.E7C4CCD0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

After all the wonderful, non stop qrp events at Pacificon Friday and Saturday I was "toast" around 10:00 PM. My arches were falling, my legs ached and I had that 1000 yard stare in my eyes and was walking around like a Zombie (we all know about those Zombies) So I thought I would go out to my car and give my abused body and mind a little rest.

Well, I still had my 40mtr antenna mounted on the car from the wild and crazy SMK QSO party on Friday. I decided to plug in my trusty NC40a and see if I could work any stations from Concord.
It was pretty quite around 7.040 so I began to tune around a bit when I heard a loud dit, then another dit. so I sent my call and AD6HR answered back.

I called back and gave him a 5NN and QTH as the parking lot.

He answered back:

"TNX Bill, This Barry in the QRP room using the Yeasu 817. Ur the first QSO fer the rig in USA. Ur RST 5NN. So Hw?"

I started to answer him when my antenna blew off the roof of my car due to really high winds and a whimpy mag mount.
This is no time to loose an antenna during such a historic and momentous occasion. I got the antenna planted back on the roof
in time for the TNX fer QSO, CUL, 72

Not exactly DX at 2 or 3 hundred yards but a solid 599 contax.
The signal might not have been as strong as Ori's(AC6AN)
SMK/Dangerous-Dipoloe combination on Fraday night but I still had to turn the RF gain way down to save my ear drums.

Lots of fun and a great way to cap off a fantastic day at Pacificon.
Now, I think Yeasu should give Barry and I a free 817 for making the first 599 QSO in the US. Truly a historic event!!

72s
Bill
KF6RMK

Date: Tue, 24 Oct 2000 06:46:04 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-1@Lehigh.EDU
Subject: [81980] RE: Manhattan Style Example
Message-ID: <3.0.5.32.20001024064604.00899a50@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to everyone that responded to my question. The majority of you suggested a hole punch from Harbor Freight and a few mentioned using a paper hole punch. Unfortunatley the only source of PC boards that I have locally is gud ole' Radio Shack and there boards are thick! I am going to invest in the tool hole punch from Harbor Freight.

Agn... A hearty TNX! to the group for all your help.

PS: I will be at a seminar in Pittsburgh, PA. on 25,26, and 27 and I will be taking my SW40 with me to try and work some QRP from my motel room. I am going to try and get the highest floor possible and then try to drop a 33' long wire out the window and run the ground side of the coax to ground source in my room. I tested this from my basement and it worked very well. I will be operating on 7.040 +/- 5kc on this coming Wednesday and Thirsday from 7pm-10pm. If anyone is available at that time I would like to QSO with member of QRP-L.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Tue, 24 Oct 2000 06:50:10 -0400
From: Tom and Roxy <zikot@erie.net>
To: qrp-1@Lehigh.EDU
Subject: [81981] QRP QSO's From Pittsburgh
Message-ID: <3.0.5.32.20001024065010.0089a9a0@erie.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I will be at a seminar in Pittsburgh, PA. on 25,26, and 27 and I will be taking my SW40 with me to try and work some QRP from my motel room. I am going to try and get the highest floor possible and then

try to drop a 33' long wire out the window and run the ground side of the coax to ground source in my room. I tested this from my basement and it worked very well. I will be operating on 7.040 +/- 5kc on this coming Wednesday and Thursday from 7pm-10pm. If anyone is available at that time I would like to QSO with member of QRP-L. My CW speed is about 18-20wmp so please don't blow me away with 25 and above. Also, I am a retired Navy CW operator and I still use a straight key.

Hope to work as many of you as I can.

73's es gud DX!

Tom & Roxanne
WA1VAI/3

Date: Tue, 24 Oct 2000 06:49:43 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <mjfitz@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [81982] Re: Need HW8 mod info
Message-ID: <006c01c03db0\$8e07fb00\$0200000a@mcg.net>

Click here, this is a file in the QRP-L files section by Mike C. about replacing the HW-8 cores.

<ftp://ftp.lehigh.edu/pub/listserv/qrp-l/articles/badhw8cores.mcq>

Hope this Helps

73 de KA0GKC Claton Cadmus
ka0gkc@arrl.net
MNQRP #1
St. Louis Park, MN

----- Original Message -----
From: <mjfitz@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, October 23, 2000 22:35 PM
Subject: Need HW8 mod info

| Gang,

| Picked up a nice HW8 at the 'fest yesterday. Would like
| to find info on any mods for the rig. Dr. Megacycle just
| informed me that the output filter cores change permeability
| over time...that explains a couple of "quirks" so far. I
| have a file of the HW7 mods, but nothing on the HW8.

| I do have the manual and all the paperwork for it. It
| also still has the original Heathkit final...puts out about
| 2.3 W (14 V) on 80 M, but the output is low on the other
| bands, the signal disappearing in the output filter. I have
| cores to replace these bad ones, but it would be nice to
| see what others have done first before I go tearing into it.

| thanks a bunch!
| Mike NOMF

Date: Tue, 24 Oct 2000 07:10:52 -0500
From: "John Burnley" <burnleyia@home.com>
To: <mjfitz@uswest.net>
Cc: <qrp-l@lehigh.edu>
Subject: [81983] Re: Need HW8 mod info
Message-ID: <000101c03db3\$74b170c0\$1b790818@c149552-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike, there is a book entitled the 'The HW-8 Handbook'
available from Kanga US for \$11.00. The description
says it contains mods for the HW-7, HW-8, and HW-9.
I've never seen the book but heard others mention it.
I'm copying QRP-L so we can get comments from those
who have used the book.

Here's the URL:
<http://www.bright.net/~kanga/kanga/misc1.htm>

72, John NU0V

Date: Tue, 24 Oct 2000 08:34:13 -0400
From: George Murphy <VE3ERP@ENCODE.COM>
To: wyn@att.nett
Cc: qrp-1@lehigh.edu
Subject: [81984] Re: NVIS antennas
Message-ID: <4.3.2.7.0.20001024081444.00a92210@ENCODE.COM>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Clay!

Near-Vertical-Incident-Skywave antennas direct the signal almost straight up so they bounce off the ionosphere and come back down, covering a more or less circular area many kilometers in radius around the antenna. They work best at frequencies up to about 12 MHz. Much used by the military. A W4RNL NVIS quad is simply a 2-element quad built to W4RNL's dimensions laying on its back. It requires four posts (masts) about the height of the spacing between the elements laid out in a square pattern. A wire reflector is run around the bases of the four posts and a wire driven element is run around the post tops.

At 20:48 10/23/2000 -0400, you wrote:

>If you will define to me what a W4RNL NVIS 80 meter quad is

-73- Murph VE3ERP

Date: Tue, 24 Oct 2000 09:12:43 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [81985] Re: Vertical Antennas
Message-ID: <200010241312.JAA05477@atlnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 10/21/00 9:01, John AE5X at ae5x@JUNO.COM wrote:

>Nightfall comes and I'm hearing stations 200-400 miles away who are
>working European DX. I can't hear a thing from across the pond. The
>1-landers up the road are coming in great and they're giving 569 reports
>to the G, DL and OK stations - who are not even a whisper here! I can't
>even tell they're there.

It is very likely that the stations working the Europeans are using Beverages or other low-noise receiving antennas. These stations are probably inaudible on their transmitting antennas as well....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
Quote: "Boot, you transistorized tormentor! Boot!"
-- Archibald Asparagus, VeggieTales

Date: Tue, 24 Oct 2000 08:30:16 -0500
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@Lehigh.EDU
Subject: [81986] XCVR: #3
Message-ID: <3.0.1.32.20001024083016.00ac8e80@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It was waiting when I got home from work yesterday, Small Wonder Labs kit #3; my PSK-20 had arrived. Since about this time last year my QRP shack has grown from nothing to one that contains a DSW-40, a DSW-30, and now the soon to be completed PSK-20. The other two kits were a joy to build and operate and from the looks of the new kit, I expect the same.

I guess this means a 20 meter inverted vee will soon be hanging near the 40 meter inverted vee that is swinging from the low limb of a big oak tree in the back yard. So maybe before cold weather, I can join you other PSK31 ops on 20 with the PSK-20.

Thanks Dave for another of your great kits.

Richard WA4NWW, Northeastern Alabama

Date: Tue, 24 Oct 2000 09:42:18 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [81987] RE: QRP Kit- which one ?
Message-ID: <125490A005E3D3118C9C00805FC743CC015E0965@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

See also:

<http://www.arrl.org/tis/info/qrpkits.html>

An upcoming issue (December?) of QST will feature writeups on more rigs.

73,
Ed Hare, W1RFI
ARRL Lab

-----Original Message-----

From: Paul Womble [mailto:pwomble1@tampabay.rr.com]
Sent: Monday, October 23, 2000 9:01 PM
To: Low Power Amateur Radio Discussion
Subject: Re: QRP Kit- which one ?

The series of articles from Doug KI6DS about what kit to build can be found on the West Fla QRP club webpage:

<http://www.qsl.net/westfla>

73
Paul K4FB

Date: Tue, 24 Oct 2000 10:03:20 -0400
From: Paul Stroud <aa4xx@ipass.net>
To: klqrp <Klqrp@applegate.org>
Cc: noqrp@qth.net, QRP-L <QRP-L@lehigh.edu>
Subject: [81988] It's a Bird, it's a plane, No.. It's
Message-ID: <39F596A7.B70C7F3B@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

Thought you might enjoy this story of the flying QRP station. It all started innocently enough. T'was a starry night on Bear Island. You didn't even need a flashlight to see your way around, as the starlight was sufficient against the white sand to see the kite line, the tuner, wattmeter, and Sierra -- Everything was QRV just in time for the Knightlite's Net.

And then IT happened.

The BIG GUST. The kite, which had been lazily floating in the sky, decided to make a hasty departure from this solar system, taking my

tuner, wattmeter, and Sierra with it!!! I had wrapped several turns of kiteline around the end of a picnic bench, thinking that this would offer sufficient anchor for the kite. As the wind gusts picked up and suddenly changed direction, things got pretty exciting in a hurry-HI!

I started running after the heavy wooden kiteline thingamabob as it attempted its final liftoff for nirvana, along with my complete QRP station. I was able to grab the kiteline holder when it got momentarily held up by a small bush.

The station was hauled back down to terra firma, whereupon it was placed back onto the picnic bench in time to check into the net. This time, I made sure the kiteline wouldn't get a chance to play any more mischief.

I'm not sure what the moral of this story is, except that sometimes the unexpected can get pretty bizarre, even by Murphy's standards....

72, Paul AA4XX

Date: Tue, 24 Oct 2000 07:30:17 -0700
From: Bill Walker <windal@azstarnet.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [81989] Re: It's a Bird, it's a plane, No.. It's
Message-ID: <00102407320000.07977@deneb>
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Paul,

Glad you got your rig back but thats absolutely hilarious! My sides still hurt. Thanks for the great story.

72

On Tue, 24 Oct 2000, you wrote:

> Hi Gang,

>

> Thought you might enjoy this story of the flying QRP station. It all
> started innocently enough. T'was a starry night on Bear Island. You
> didn't even need a flashlight to see your way around, as the starlight
> was sufficient against the white sand to see the kite line, the tuner,
> wattmeter, and Sierra -- Everything was QRV just in time for the
> Knightlite's Net.

>

> And then IT happened.

>

> The BIG GUST. The kite, which had been lazily floating in the sky,

> decided to make a hasty departure from this solar system, taking my
> tuner, wattmeter, and Sierra with it!!! I had wrapped several turns of
> kiteline around the end of a picnic bench, thinking that this would
> offer sufficient anchor for the kite. As the wind gusts picked up and
> suddenly changed direction, things got pretty exciting in a hurry-HI!
>
> I started running after the heavy wooden kiteline thingamabob as it
> attempted its final liftoff for nirvana, along with my complete QRP
> station. I was able to grab the kiteline holder when it got momentarily
> held up by a small bush.
> The station was hauled back down to terra firma, whereupon it was placed
> back onto the picnic bench in time to check into the net. This time, I
> made sure the kiteline wouldn't get a chance to play any more mischief.
>
> I'm not sure what the moral of this story is, except that sometimes the
> unexpected can get pretty bizarre, even by Murphy's standards....
>
> 72, Paul AA4XX
--
Bill Walker - KD7JZB
kd7jzb@qsl.net
<http://www.qsl.net/kd7jzb>

Date: Tue, 24 Oct 2000 10:34:50 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Cc: wnyqrp@hamgate.sunyerie.edu
Subject: [81990] FOX: K2Q0 Tonight 9PM Eastern Time
Message-ID: <F601qdiixjnzi95HfqR00003777@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Here is the final announcement for the opening night FOXHUNT! I am honored to be the target for what I hope will be a wild and furry RF extravaganza.

The latest solar report reads:

24 Oct KA6ING (03) SFI=167, A= 15, K= 2, LOW; QUIET/UNSET/ 120 SS/ 4 C
FLARES

And the rules for this seasons activities are at:

<http://www.CQC.org/fox>

Let's have fun and remember that the exchange is DIFFERENT this year. Please send RST SPC Name Power, i.e. 579 TX DICK 5W (hint-hint N5JI)

See you all tonight. Hang in there even if it gets busy.

72,
Mark K2QO
Go Buffalo Wings Foxhunt Team!

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Tue, 24 Oct 2000 08:36:17 -0600
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [81991] New Hams
Message-ID: <F9645092A142D3118CBD00805F15292E0D5E1AFC@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

I want to thank all of you that participated in JOTA over the weekend You did a wonderful job.

I was able to host a scout troop (cub and boy) and we (they) had a ball. We were on 20M and bounced from coast to coast, border to border. We talked to other scout troops and people that didn't even know what JOTA was but were more than willing to participate.

Something about putting an eight year old voice behind a mic brings out the best in people. Everyone was slow and understanding. There were even some out there that would try to coax longer answers out of the boys.

Anyway, it looks like I have at least 4 boys that want to take some exams and at least one dad. Awhile ago there was some software (share/free ware) that quizzed you - I know there are web sites that will test you but most parents don't want their phone lines tied up for hours, even if the boy is studying.

Does anyone know where I can get a copy of this program with the new question pool?

Thanks

de KI00T, Brad

Date: Tue, 24 Oct 2000 10:39:33 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [81992] Re: It's a Bird, it's a plane, No.. It's
Message-ID: <017c01c03dc8\$3d51d2e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I'm not sure what the moral of this story is, except that sometimes
the
> unexpected can get pretty bizarre, even by Murphy's standards....
>
> 72, Paul AA4XX

I guess to always use some kind of 'pull apart' connector whenever
we connect to anything that might be tripped over, pulled on, driven
through, or sucked away!

Mike

Date: Tue, 24 Oct 2000 08:02:59 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [81993] PSK31 regional QRP nets?!
Message-ID: <20001024150259.4589.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Congratulations to Dave Benson and the NJQRP Club for
the psk80. This has taken us to a new concept as
mentioned by recent posts here on QRP-L.

The Arkansas QRP Club has held its weekly club net
every monday evening at 730pm local time for years and
years now. We use CW on 3560, and everyone uses QRP.

BTW last night Ken K5ID checked in portable from the
shore of lake Ouachita with a reduced G5RV hung low in

a tree! FB Ken.

A regional psk31 net, as informal as the ARQRP net would be a great idea IMHO. It could combine the Ft Smith QRP Club, and any other club or individual in a 200 mile+ range.

Wouldn't it be interesting if all clubs were on 80M the same evenings? If they weren't too bunched up and the band was quiet you could read the mail/QNI in more than one region.

Looking 200 miles in all directions, I can see nearly to Kansas City, St Louis, Memphis, Dallas, & beyond Oklahoma City.

This is a good time for a invite to join the ARQRP 80M CW net every monday at 730pm local time. NCS is NQ5RP, and he will call QST and ask for QNI's. QNI is check in, and thats about as formal as we get! hi

Hope others find this as interesting as Bob, N9ZZ, and I do.

72/3's de Jim KJ5TF

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?

Yahoo! Messenger - Talk while you surf! It's FREE.
<http://im.yahoo.com/>

Date: Tue, 24 Oct 2000 11:02:51 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "_AAAA_NOGA_onlist (E-mail)" <nogaqrp@qth.net>, "Klqrp_Submit (E-mail)" <klqrp@applegate.org>, "Qrpl_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [81994] RE: NiMH Battery Issue with MFJ 259B Analyzer ***Problem Solved
- Operator Error***
Message-ID: <5BA8CAA8579DD411870900508BAD74F502C15B@MAILSERVER1>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Thanks for the many responses to my problem. The bottom line is that I first needed a full charge on the cells from a good smart charger.

The charged cells are in the unit now with about 1.4 volts each or 14 volts in series. The manual clearly states 14-18v external charge/power source and I was using 14.1v from a LM317 regulated PS with current limiting. But with the unit only having a 15 mA trickle charge capability I think that if the analyzer is used for long periods of time that I will still need to recharge via an external cell charger out of the unit. Maybe for short uses the internal trickle charge will be enough if you let it trickle for a day or so. I'll try it out and report back.

So NONE of my three assumptions below in the original message regarding the condition of the batteries was valid.

BUT my manual does have a graphic error on the two pin jumper position relative to the charge enable vs. charge disable. My analyzer has 2.21 ver software and I don't know if that's been corrected in later manual printings.

BTW this is my favorite single piece of test equipment that I own. Freq. ctr, ind/cap analyzer, SWR, RF generator (simple uses) and other special tests.

Sam AE4GX

> -----Original Message-----

> From: Sam Billingsley [SMTP:SBillingsley@usaninc.com]

> Sent: Thursday, October 19, 2000 4:02 PM

> To: _AAAA_NOGA_onlist (E-mail); Klqrp_Submit (E-mail); Qrpl_Submit (E-mail)

> Subject: [KLQRP] NiMH Battery Issue with MFJ 259B Analyzer

>

> I have an MFJ259B SWR Analyzer that as a 10 -AA battery pack holder and a provision for charging rechargeable AA batteries. I have been using simple alkaline AA's but wanted to try the newer battery technology.

>

> MFJ advertises a 10 pack set of NiMH batteries on the catalogue page with the analyzer so I got a set via HRO.

>

> The set came in the mail directly from MFJ (HRO took care of the backorder to MFJ) and I plugged them in and charged them over night. I tried them out

> and almost quickly the useful battery level dropped below the min. ~ 10.5

> -
> 11 volts. A matter of minutes. I check the manual and finally realized
> the
> setup diagrams for the recharge option was illustrated backwards in the
> manual. (This means that my initial charge attempt was zero and nothing
> occurred)
>
> Changed the jumper, charged over night again and tested. Still no luck.
> Thinking the charger section is bad (after all these are new batteries) I
> call tech support at MFJ and got almost no real direct help but did talk
> the
> guy into Faxing me a schematic. The new "B" model has a lot of SM parts
> compared to the thru hole parts in the older original model so I didn't
> want
> to poke around in the blind.
>
> I see that it is a simple Constant Current FET limiter (like most NiCD
> chargers) and was in fact working based on checking the current flowing ~
> 15mA (trickle charge).
>
> I start checking individual AA cells with a tester (simple mA resistor
> load)
> and find that 5 of the 10 almost immediately drop their output voltage
> under test load to below 1 v. (they all need to stay above 1.1v to be
> useful
> in the unit)
>
> =====
> So one or more of the following is true:
>
> 1. Some of the cells were bad from the beginning (not likely but
> possible).
> I didn't check them initially - a no no
>
> 2. I discharged the cells too deeply during the initial use (Don't see how
> since I stopped used as soon as the low voltage indication appeared.
>
> 3. There is enough variation in the cells to have very uneven charges (the
> cells are being charged in a series string). Maybe a problem!
>
> =====
> Some folks have indicated that a NiCD charger will not work with the NiMH
> batteries. (If so, I don't know why MFJ is selling the 10 packs for this
> unit) The Tech support could not answer this either!
>
> But given the initial investment in the 10 AA cells I have added to the
> cost
> and purchased a smart charger that can specifically be switched to charge

> NiCD or NiMH batteries up to 4 at the time and after charging drop into a
> trickle charge mode.
>
> So my next plan is to charge up these 10 batteries using this new charger
> and place them directly into the MFJ Analyzer and see how long it operates
> with the external charge. After discharge I'll leave them in the analyzer
> and attempt to use the internal constant current trickle charger again.
>
> I'll report back my results next week.
>
> Any other ideas?
>
> Sam AE4GX
>
> ===== KL QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@knightlites.org
> and put the text "unsubscribe klqrp" in the message. To post a
> message to the list, send email to klqrp@knightlites.org.

Date: Tue, 24 Oct 2000 11:22:45 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [81995] QRP Running of the Bulls
Message-ID: <125490A005E3D3118C9C00805FC743CC015E096B@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hi, Guys,

<http://www.arrl.org/news/stories/2000/10/24/1/?nc=1#running>

I noted the above just appeared on the ARRL Web page. I am a bit surprised that there are not a few more Bulls. I am going to sign up as soon as I can figure out what Section I want to operate from. :-)

The general idea is to have a goal of operating 15 or more hours /QRP in the ARRL CW Sweepstakes, although this is a goal, not a mandate. The SS can be a fun contest, and it CAN be done rather well /QRP. I have operated the SS with 5 W and a modest antenna and managed to work all 50 states in a single weekend. At 250 milliwatts, I managed over 300 QSOs and at 10 milliwatts, I did 54 contacts in 30 sections, if memory serves.

If you think you can manage some time in the CW SS that weekend, please sign up and be one of the Bulls. This will give your fellow QRPers a shot at working a few Bull in the 'test and, more important, will increase QRP

participation in the Sweepstakes. One of these years, I hope to see more Q class than B class (high power) in the SS!

To sweeten the pot, I am offering an ARRL Handbook or ARRL Antenna Book (paper or CD, your choice), to the Bull who works the most Q class stations and to the QRP station who works the most Bulls.

Maybe some of the QRPers who have participated in the SS can offer some suggestions on how to maximize QSO, particularly how to maximize QSOs with Q class stations.

And, if you can't put in more than a few hours, so don't want to be a Bull, please find some time to operate in the CW SS, work a few QRPers and turn in a log to ARRL. If we can double the number of QRP *entries* over last year, QRP will beat QRO in the number of entries -- good for community gloating rights for a whole year!

73,

Ed Hare, W1RFI

ARRL Laboratory Supervisor

225 Main St

Newington, CT 06111

Tel: 860-594-0318

FAX: 860-594-0259

Internet: w1rfi@arrl.org

ARRL Web: <http://www.arrl.org>

ARRL Technical Information Service: <http://www.arrl.org/tis/>

Date: Tue, 24 Oct 2000 11:31:01 -0400

From: Tom Mc <tjmc@erols.com>

To: lite65@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [81996] Re: FT817- first QSO at Pacificon

Message-ID: <39F5AB35.F726653A@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've been awaiting the 817 prob like everyone else...

Looking to buy right away, but, after reading the notes on the Egroups FT817 site, I think I'll wait. Dont want to be a beta tester agn.

I noted a good rig so far with a couple a flaws;

1) a software bug in the audio gain(mic input) adjustment.(Yaesu knows

abt it but is marketing as is for now)

2) failure to fuse the AA battery compartment which ended in a small melt-down.

I hope this radio turns out to be all it's supposed to be. If so, it'll be a keeper and fit in the nook bewteen my K2 and 2020 .

73

Tom aa2vk

--

```
*****
*   Member of NORCAL, NJQRP, LIQRP, SGCI   *
*               K2 #1213                     *
*   Personal web page : WWW.EROLS.COM/TJMC   *
*****
```

Date: Tue, 24 Oct 2000 08:49:58 -0700

From: Allan G Taylor <k7gt@qsl.net>

To: qrp-l@Lehigh.EDU

Subject: [81997] Re: Pacificon Operating Contest This Year and Next Year

Message-ID: <39F5AFA6.73C@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have been in both operating contests held to date at Pacificon and would like to differ with the proposed rules for 2001 P-con in light of my experience in those contests.

The first operating contest at Pacificon had a rule that allowed only a dummy load with at most a short piece of wire (nominally 6'). That rule was NOT followed by one participant and he (surprise!!) won big time. Point 1: If you make a rule, ENFORCE it, even for your buddies!!

The most recent contest had NO antenna restrictions, so I brought my field dipole and used available field supports to erect it without becoming too much of a traffic hazard around the room -- that is, I rolled it out on the floor in the center row across the room. That choice of QTH was deliberate--being on the left coast, I know about the advantage that accrues to ops in the midwest! Operator error lead to nil progress for the first 40 minutes and then, once I got the tuner set up correctly, I began to get a real contest-style rate going.

The real problem with this contest wasn't that the antennas were wide open but that the tuning range on the transmitters were such that only

three stations could establish turf, forcing others to simply drop out of the fray or clobber the ongoing exchanges. I had several contacts clobbered severely and had to work some of them three times before completing a 2-way exchange.

As far as a future operating contest, let's not spread things out so much but still stick to one band, preferably 40m, and just use the REAL equipment we would use in the field. In order to get many contacts with all bands being available, we would have to establish some sort of in-room DX cluster to arrange them. Wouldn't it be a better way to specify one or perhaps two bands, preferably those that we would want equipment for anyway than make it so diffuse that special arrangements will be required to have any contacts. Then we would spread out in a natural way, just like happens in conventional contests.

I view these evebts as an opportunity for a unique FIELD contest and would really prefer to use the real equipment that would go with me into the field.

In any case, if the rules hold without modification, I will be there again but there will be a LARGE sign (no, not an antenna!!) giving my operating frequency(ies). Unless, of course, there is a rule made that prohibits signs over a certain size...

Sorry to take a stand against the established authorities, but I feel this pendulum swing is far too much for the problem at hand.

73 Allan K7GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Tue, 24 Oct 2000 09:06:15 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [81998] SST20 for sale: part deux
Message-ID: <39F5B377.12BB@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The sale of the SST/20m rig has apparently collapsed. So it is again available for sale.

SST-20m with dual crystal, dual varactor range mods and Tick1 keyer.
Stock case, unpainted.

\$90 shipped (or trade towards MFJ259B).

73 Allan

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Tue, 24 Oct 2000 09:14:38 -0700
From: "Arthur G. Silvers" <ags@ieee.org>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [81999] SMT Transistor Freebee
Message-ID: <39F5B56E.D4CCAFD@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Philips is offering a Wideband Transistor Sample Kit for \$0.00 down
\$0.00 a month for 0 months. You get 24 of the best from Philips of RF
Wideband transistors and a CD ROM with data sheets application notes,
S-parameters and Spice models. Go for it at

<http://www.FutureElectronics.com/rf/Philips>

The usual disclaimers apply.

Pacificon was another great time. It was terrific seeing all of you
there. I enjoyed the SMK-1 event very much and managed 7 QSOs. Sorry I
missed out at the open house. I am certain that it was a great event. I
wore my pager and got called for a last minute mini crisis ... end of
story. Now all I need to do is figure out how to be in more than one
place at once .. virtually speaking of course.

72

Arth W6AGS

P.S. Who won the building contests?

Date: Tue, 24 Oct 2000 11:43:53 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU, 50mhz@6mt.com, vhf@w6yx.stanford.edu
Subject: [82000] Brass Tubing Sources -- Summary
Message-ID: <3.0.2.32.20001024114353.00898a90@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

In my original request, I failed to mention that I live "way out" in the country and going to an urban hardware or hobby shop is not a simple option.

For those of us who are blessed with rural/country living on one hand and on the other lack easy accessibility to well-stocked stores, here's a list of mail order sources.

Note: Most of the web sources I looked at sell tubing in quantities only.

Small Parts Inc.

<http://www.smallparts.com>

Order catalog on line. S&H \$6.00

They will sell you one of most anything at a higher cost and they also have the 36 inch K&S tubing lengths. Their catalog is a great source of tools and materials for all sorts of hobby uses.

1/16 x 12 in, 1 pc, \$1.00 - 10 pcs, \$6.20

3/16 x 12 in, 1 pc, \$1.05 - 10 pcs, \$8.08

Micro-Marc's

<http://www.dxmarket.com/micromark/dir>

Call to order catalog. S&H \$5.50 < \$30.00

1/16 x 12 in, 20 pcs, \$10.00

3/16 x 12 in, 12 pcs, \$9.00

Hobby Lobby

<http://catalog.craftsetc.com/productSearch.cfm>

Crafts Etc! on-line catalog only. S&H \$3.95/\$4.95

1/16 x 12 in, 3 pcs, \$3.78

3/16 x 12 in, 2 pcs, \$3.78

Tower Hobbies

<http://www.towerhobbies.com>

Order various catalogs on line. S&H \$6.99 < \$150.00

1/16 x 12 in, 20 pcs, \$9.29

3/16 x 12 in, 12 pcs, \$8.59

There were others such as McMaster-Carr, <http://www.mcmaster.com/>, but I didn't find any K&S tubing. It may be there, but it's not easy to find

things in their catalog.

One suggestion was to look in the Yellow Pages. I did that but only found hobby shops for motorcycles and various other auto and racing supplies. None of the local area hardware stores had any idea what I was looking for. Another suggestion was to get hobby magazines and look for supplier ads.

Urban folks can often find K&S tubing displays at a variety of sources such as Home Depot, Lowe's, various brand-name hardware stores, and hobby shops, especially those that deal with model trains.

Again, thanks to all who replied - what a breadth and depth of information resources. As it turned out, one of our local guys was going to Dallas and picked up the tubing for me.

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275

Date: Tue, 24 Oct 2000 12:58:53 -0700
From: "Dave Benson" <nn1g@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: <n2apb@erols.com>
Subject: [82001] Mystery Science Theatre 2000: 80M Warbler
Message-ID: <002701c03df4\$f4fe6080\$f920fc9e@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

gang-

Chuck's post yesterday about the Warbler heat sinks set off alarm bells here.

I retraced my steps, and we added the heatsinks to the parts list only last Monday. Much as it pains me to admit this- I specified the wrong ones! This is entirely my doing, and I apologize to all who are inconvenienced.

For replacements, please send a message to George Heron, N2APB

N2APB@erols.com

Please title it 'heat sinks' and be sure to include your full mailing address information- just like you'd expect to see it on an envelope. It's

extremely gracious of him to offer his help with this, so let's make it as painless as possible. Please- don't make him look stuff up.

Thanks, George- I owe you big-time!

No, we don't need the originals back- add 'em to your junkbox. :-)

73- Dave, NN1G

Date: Tue, 24 Oct 2000 10:15:31 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <ags@ieee.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [82002] Re: SMT Transistor Freebee
Message-ID: <001101c03dde\$04b0bee0\$8b14f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too coool! Just ordered mine! Thanks Arthur...

73

Trev

----- Original Message -----

From: Arthur G. Silvers <ags@ieee.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, October 24, 2000 9:14 AM
Subject: SMT Transistor Freebee

> Gang,

>

> Philips is offering a Wideband Transistor Sample Kit for \$0.00 down
> \$0.00 a month for 0 months. You get 24 of the best from Philips of RF
> Wideband transistors and a CD ROM with data sheets application notes,
> S-parameters and Spice models. Go for it at

>

> <http://www.FutureElectronics.com/rf/Philips>

>

> The usual disclaimers apply.

>

> Pacificon was another great time. It was terrific seeing all of you

> there. I enjoyed the SMK-1 event very much and managed 7 QSOs. Sorry I
> missed out at the open house. I am certain that it was a great event. I
> wore my pager and got called for a last minute mini crisis ... end of
> story. Now all I need to do is figure out how to be in more than one
> place at once .. virtually speaking of course.
>
> 72
> Arth W6AGS
>
> P.S. Who won the building contests?
>

Date: Tue, 24 Oct 2000 10:18:20 -0700
From: "Arthur G. Silvers" <ags@ieee.org>
To: k7gt@qsl.net
Cc: qrp-l <qrp-l@Lehigh.EDU>
Subject: [82003] Re: SST20 for sale: part deux
Message-ID: <39F5C45C.C6AD2F06@ieee.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Allan,

Bought the MFJ259B from HRO in the hanger on Sunday. Neat! Good price too! I measured my "garage" antennas and (no surprise) they are both way (surprise) off; one too long and one too short.

Not considering a trade at this time, however.

72
Arth W6AGS

Date: Tue, 24 Oct 2000 10:34:50 -0700
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [82004] Re: FOX: QRP-L Cub Fox Hunt underway!
Message-ID: <20001024103450.C19171@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

No pelt here. No hounds heard either. The QRN level was S-9+ across

the 40 meter band last night. :-(

Hopefully this evening will be better.

72/73, Bob

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Tue, 24 Oct 2000 13:57:46 -0400
From: "L. Mark Pilant" <n1vqw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [82005] Re: SMT Transistor Freebee
Message-ID: <39F5CD9A.6427000A@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the heads up, I ordered one as well.

BTW, you may want to check out the other promotions
being offered:

<http://www.futureelectronics.com/1033/promos/>

There are some free HP semiconductor promotions as
well.

73

- Mark N1VQW

Date: Tue, 24 Oct 2000 13:04:56 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu, njqrp@njqrp.org, soc@qth.net
Subject: [82006] [OT] Saturday on 27.505
Message-ID: <39F5CF48.A167383D@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Any of you guys hear the freeband fan's "contest" going on below 10 meters but above CB freqs on Saturday ? I was camping and was listening in on my Grundig. There was a contest going on using LSB with the guys exchanging "calls" like 22SD077, 16SD670 etc all day. Some of these guys were even giving their qth pretty specifically. Some guy named Dave, ("40 miles S of the San Francisco Bay Area") call 22SD155 worked 27.505 LSB for hours giving out "progressive numbers" to other callers (excess of 50) and receiving same. A bit higher in the band there was another group with "calls" like RC2, RC345 etc. also in a "contest". I know I lead a sheltered life but God ! I never realized there was this much illegal activity going on ! Occasionally I hear of a ham getting slapped for using foul language on a repeater by the FCC..... anyone ever heard about someone getting fined for this "freeband" operation ? I wouldn't think it would take too much effort.

Gheesh..... sorry abt the off topic post but I am amazed....

73 de Mike Melland, W9WIS

Date: Tue, 24 Oct 2000 18:14:42 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [82007] FS HF station and accessories
Message-ID: <39F58B42.CBFCEBAE@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I need to do some shack cleaning so the following items are for sale.

1. Kenwood TS-130S 80-10 (including WARC) tranceiver with 500 hz filter installed.
VFO-120, external VFO that matches the above radio.
MC-50 desk mike.
PS-30 power supply.
Asking \$450 for the complete setup.
2. Autek Research RF Analyst RF-1, \$75
3. MFJ Versa Tuner II model MFJ-949E, \$65

Shipping is extra and all prices are open for discussion.

All items are in use in my shack in central Florida.

New hams, especially local get special consideration.

michael N6CHV (email or call 407-221-3572)

Date: Tue, 24 Oct 2000 15:46:51 -0400 (EDT)
From: Bradley Mitchell <wb8ygg@juno.com>
To: qrp-l@lehigh.edu
Subject: [82008] Electronic surplus components in Taipei
Message-ID: <389690240.972416812843.JavaMail.root@web649-wra>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've traveled several times to Taipei, and am wondering if anyone knows where to buy surplus electronics there.

Regards,
Brad Wb8YGG

Date: Tue, 24 Oct 2000 20:26:59 -0700
From: dave.g@dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [82009] Re: 10/22 QRP Contest Overly aggressive Operating Practice, or is it just Me???
Message-ID: <E13oAeK-0003mi-00@relay2.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Michael Neverdosky <mneverdosky@earthlink.net> Said:-

>The contests take up enough space one frequency at a time why should
>they take even more?
>What is next, 3 frequencies, 4???
>When does it stop?

To caution people against making sweeping statements, consider the following:-

I used to use 3 bands, at the same time, for some contests. Before the wrath of QRP-L falls on my head, let me explain.

One band was 10GHz, the second was 24GHz and the third was the talkback frequency on 144MHz.

At the time, you needed 2M to arrange a contact (this was in the days of a few milliwatts from a Gunn diode transmitter) and then you left your microwave gear running a continuous tone for the other station to peak up on. Once contact was made on 10GHz, you switched the 24GHz on (or just left it running anyway) to make a contact on that band. The 2M rig that I used ran 3 Watts, so I was QRP on all these bands.

As the Gunn diode provided the local oscillator for a direct conversion receiver based upon a mixer diode in the cavity, you had to be transmitting to hear the other signal.

I was thinking about mentioning the stations worked on 28MHz, using QRP, over the weekend on this reflector. However, given all the moaning going on, I'll keep that to myself and just report the FISTS stations that I worked, via that clubs newsletter, instead.

Cheers de Dave (G0DJJA)

Date: Tue, 24 Oct 2000 16:41:01 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dave.g0dja@psilink.co.uk>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [82010] Re: 10/22 QRP Contest Overly aggressive Operating Practice,or is it just Me???
Message-ID: <008a01c03dfa\$bbe8fa20\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This is the classic example of not being able to describe something, but knowing it when you see it. (Didn't that start with a supreme court justice refering to pornography?)

Anyway, the 'flavor' of your contacts are hardly the same as the aggressive behavior described earlier.

And while neither probably is technically wrong, I don't get the 'flavor' from reading your post that you were sitting on multiple frequencies and

declaring them 'your channel' kind of thing.

Now I will NOT say the person that was written about that started all this mess actually did that. But I WILL say that the story as related to the SIG gave me a 'flavor' that was. But since I didn't hear it myself...

Mike

> Michael Neverdosky <mneverdosky@earthlink.net> Said:-

>

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> >they take even more?

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>

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>

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> it running anyway) to make a contact on that band. The 2M rig that I used

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>

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>

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going

> on, I'll keep that to myself and just report the FISTS stations that I
> worked, via that clubs newsletter, instead.

>

> Cheers de Dave (G0DJA)

>

>

Date: Tue, 24 Oct 2000 20:48:54 +0000

From: Michael Neverdosky <mneverdosky@earthlink.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [82011] Re: FS HF station and accessories

Message-ID: <39F5AF66.FABB60A5@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

The RF-1 is sold!

I forgot to list another item.

MFJ Econokeyer II, MFJ-401B, with wall wart, \$15 shipped.

thanks

michael N6CHV

Michael Neverdosky wrote:

>

> I need to do some shack cleaning so the
> following items are for sale.

>

> 1. Kenwood TS-130S 80-10 (including WARC) tranceiver
> with 500 hz filter installed.
> VFO-120, external VFO that matches the above radio.
> MC-50 desk mike.
> PS-30 power supply.
> Asking \$450 for the complete setup.

>

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>

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>

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>

> All items are in use in my shack in central Florida.
>
> New hams, especially local get special consideration.
>
> michael N6CHV (email or call 407-221-3572)

Date: Tue, 24 Oct 2000 13:50:34 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [82012] RE: Manhattan Style, Solder, and Pacificon
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928F0A0@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Just for the record, Chuck was using Kester 63/37 solder with "44" flux for the SMT soldering demonstration at Pacificon.

Mike K1MG

> -----Original Message-----
> From: Chuck Adams [mailto:k7qo@primenet.com]

> Pacificon was a blast again this year. ...
> I was asked by many which solder I use. For the record it is
>
> Kester CAT 24-0062-0018
>
> Alloy SN62 (which I assume means 62-36 with 2% Ag)
> Diameter 0.025" CORE 66 Flux '44'
>
> This is the only solder I use now.
>
>
> FYI
>
> Chuck Adams, K7QO Prescott, AZ
>
>

Date: Tue, 24 Oct 2000 16:50:50 EDT
From: K2UD@aol.com

To: aa4xx@ipass.net
Cc: qrp-1@lehigh.edu
Subject: [82013] Re: It's a Bird, it's a plane, No.. It's
Message-ID: <bc.be62098.2727502a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Paul,

Have you tried using one of those screw-in anchors that are useful for:

- 1.) Holding kitelines
- 2.) Keeping dogs (except St. Bernards, use a VW axle here) in your backyard
- 3.) Opening giant bottles of champagne with
- 4.) Certain intestinal ailments

I've used one for kites up to the size of a Double French Military in a stiff breeze. Will work for foils also, wish I had one of those!

Won't work too well in the sand though, should anchor the kiteline with an alligator in that case.

72

Howard Kraus, K2UD

Date: Tue, 24 Oct 2000 16:52:14 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <zikot@erie.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [82014] Re: Manhattan Style Example
Message-ID: <004201c03dfc\$4e1006e0\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Be careful of those RS boards. They have a nice looking blank board, around 4X6, that is made of a real brittle phenolic. If you try to punch it, it just crumbles. It's just like trying to punch a chocolate chip cookie! Better be ordering some G-10 board off the net while you're waiting for that Harbor Freight punch to arrive.

I use a cheap Radio Shack nibbler, with some real thin board for the pads. The pads it makes are rectangular, and quite small. But it works out nicely. The shape is about ideal it seems for most connections. I expect the RS punch won't last as long as the nice Harbor Freight one, and one of those rascals is still on my wish list, but the RS punch is cheap and available.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Tom and Roxy" <zikot@erie.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, October 24, 2000 6:46 AM

Subject: RE: Manhattan Style Example

> Thanks to everyone that responded to my question. The majority of
> you suggested a hole punch from Harbor Freight and a few mentioned
> using a paper hole punch. Unfortunatley the only source of PC boards
> that I have locally is gud ole' Radio Shack and there boards are
> thick! I am going to invest in the tool hole punch from Harbor Freight.
>
> Agn... A hearty TNX! to the group for all your help.
>
> PS: I will be at a seminar in Pittsburgh, PA. on 25,26, and 27 and I
> will be taking my SW40 with me to try and work some QRP from my motel
> room. I am going to try and get the highest floor possible and then
> try to drop a 33' long wire out the window and run the ground side of
> the coax to ground source in my room. I tested this from my basement
> and it worked very well. I will be operating on 7.040 +/- 5kc on this
> coming Wednesday and Thirsday from 7pm-10pm. If anyone is available at
> that time I would like to QSO with member of QRP-L.
>
> 73's es gud DX!
>
> Tom & Roxanne
> WA1VAI/3
>
>

Date: Tue, 24 Oct 2000 14:57:56 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-l@lehigh.edu
Subject: [82015] FOX: Cry Havoc....
Message-ID: <39F5A374.8965.10EA150@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

...and let slip the dogs of war. Or the Big Dawgs of the Foxhunt, anyhow.

Yep, the Big Dawgs are panting at the leash. The Ratz, Houston Hounds, California Crybabies, and other teams may well tremble. When that old fox pokes his head out of his den tonight, he is likely to get it taken clean off. We MIGHT leave a few pieces of pelt for them other guys.

Sound like fightin' words? Then take it as a challenge! See you in the Hunt (if we can see you through the dust).

73 DE "ET" aka the Leader of the Pack and expert mixer of metaphors (stirred, never shaken)

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Tue, 24 Oct 2000 15:34:02 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [82016] Fox Terriers tremble?
Message-ID: <Pine.LNX.4.10.10010241529190.23747-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not on your life. I only hope a good part of the team is close enough to hear a Fox...NY is a long way from NM and CA. The Flux is fine but the A at 15 sounds like long skip will be dead another day.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Tue, 24 Oct 2000 17:50:22 -0400
From: Ron Majewski <majewski@erim-int.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [82017] FOX: Cub Fox Hunt 1 Log
Message-ID: <39F6041E.A8AA4284@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All-

The first Cub Fox hunt is history and it went well on my end. 40m was quiet and I had no trouble copying any of the callers save for a bit of QSB now and again. I apologize if my signal was covered up by shortwave broadcast signals in your area. It was nice and clear in Michigan. I just rehabilitated and introduced a new PC into the shack and it worked without a hitch.

The band also seemed to stay short for most of the evening. I didn't hear anyone from California or the Pacific Northwest.

Vance, WA9YDJ, grabbed the first pelt at 0202utc. He was the only caller I heard at that point.

In the end I had 43 QSOs with one duplicate (no problem there). I managed to work 25 states and one Canadian province, not too bad for two hours of operating.

I hope you all enjoyed the hunt as much as I did. I look forward to hearing you all -- and others -- again in the future.

72/3,

Ron (W8RU).

Cub Fox Hunt #1
24 October 2000
W8RU

TIME	CALL	RST_RX	SPC	NAME	PWR
02:02	WA9YDJ	559	IL	VANCE	5W
02:05	K2UD	559	NY	HOWARD	5W
02:07	WS4S	439	TN	CONARD	4W

02:09	AA3UR	559	PA	DAVE	2W	
02:10	N4ROA	559	VA	DAN	4W	
02:13	KB1ENS	559	VT	JOHN	5W	
02:15	W8DN	559	OH	MIKE	5W	
02:17	N8VAR	339	OH	RON	5W	
02:19	N2CQ	559	NJ	KEN	1W	
02:22	KB9BVN	559	IN	BRIAN		500MW
02:23	N9SE	559	IN	MARTY	1W	
02:25	VE3FAL	579	ONT	FRED	3W	
02:28	W9WIS	559	WI	MIKE	4W	
02:30	KA9TXE	559	IL	TERRY		4W
02:32	NV4V	559	KY	PETE	5W	
02:34	N4EUK	549	VA	STEVE		5W
02:36	KJ0C	449	MO	JIM	5W	
02:37	K0FY	559	NE	CHUCK	5W	
02:44	KC8LTL	559	MI	KEN	5W	
02:47	N8MX	549	OH	ANDY	900MW	
02:50	KE4VPN	559	NC	RON	5W	
02:55	AF4PS	229	FL	MAC	4W	
02:57	K4TJD	559	GA	TOM	5W	
02:58	KC1FB	559	CT	JIM	5W	
03:05	W0CH	449	MO	DAVE	500MW	
03:07	AF4LQ	559	KY	MIKE	5W	
03:10	KB1ENS	559	VT	JOHN	5W	(duplicate)
03:13	W8YMO	339	OH	HARRY		5W
03:16	W0PWE	559	IA	JER	5W	
03:19	N10DL	559	NH	ARON	2W	
03:24	K5DI	559	NM	KARL	5W	
03:26	K0EVZ	569	ND	DOC	5W	
03:28	WA9PWP	459	WI	PAUL	5W	
03:30	W5YR	559	TX	GEO	5W	
03:31	KI0II	539	CO	RON	5W	
03:35	KC0GXX	339	NE	TOM	5W	
03:37	KG4BIG	559	KY	KEN	5W	
03:41	KK5LD	559	TX	DAN	5W	
03:45	W2XN	339	FL	FRED	5W	
03:48	K4FB	339	FL	PAUL	5W	
03:50	K5ZTY	449	TX	BILL	5W	
03:52	N9AW	559	WI	JERRY	5W	
03:54	W3PNL	559	PA	JOE	3W	
03:57	N04D	229	SC	KEN	5W	

Date: Tue, 24 Oct 2000 16:56:53 -0500
From: "George, W5YR" <w5yr@att.net>
To: majewski@erim-int.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [82018] Re: FOX: Cub Fox Hunt 1 Log
Message-ID: <39F605A5.A75D0CF8@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, Ron, for grabbing my feeble signal. If you could have heard 40 meters around 7115 at this end, you would never have turned the transmitter on! I don't remember ever working a station on less signal and more noise than our contact.

The QRN was fierce! I had to grit my teeth when the memory keyer gave you a 559 - a 119 would have been much closer! <:}

I really appreciate the contact = GO NE-TX TORNADOS!

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Ron Majewski wrote:

>
> Hi All-
>
> The first Cub Fox hunt is history and it went well on my end. 40m was
> quiet and I had no trouble copying any of the callers save for a bit of
> QSB now and again. I apologize if my signal was covered up by shortwave
> broadcast signals in your area. It was nice and clear in Michigan. I
> just rehabilitated and introduced a new PC into the shack and it worked
> without a hitch.

<snip>

Date: Tue, 24 Oct 2000 18:17:08 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [82019] Digipan System Requirements?
Message-ID: <20001024.181710.-366409.0.wb2vuo@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to the List. Keith here in the Depths of the Great Bergen Swamp...

I am preparing to set up with PSK-31 here in the shack, and wonder what the minimum system requirements are for the computer end of the system.

I read thru the "Help" files and there's nothing there. I have the original installation, and the lack of a README file is puzzling.

What are the PSK-31'ers out there using for computers? I want to run a S-L-O-W Pentium (75 MHz) with 24 Meg of RAM. Should this work?

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 24 Oct 2000 17:37:03 CDT
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: wb2vuo@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [82020] Re: Digipan System Requirements?
Message-ID: <97242702401@emu1.emumail.com>
Content-Type: text/plain
Content-Disposition: inline
Content-Transfer-Encoding: binary
MIME-Version: 1.0

Keith, your 75 MHz Pent will probably run it, but it will be a bit of a chore. I started running it on a "souped up" 486 which benchmarked to be an approximate of a 90 MHz Pent., with 36 M of RAM. It ran, but took a bit of time to load and was a bit sluggish. From there I went to a 200 MZh Pent. with 96 M of RAM. It ran much, much better on that one. Both systems were running Windows NT Server 4.0. Not sure how Win 98 would have been.

Now the system is 550 MHz (AMD K6-2), with 128 M of SDRAM. Needless to say, I'm pleased with the performance.

You'll just have to give it a try and see.

On Tue, 24 Oct 2000 18:17:08 -0400 wb2vuo@juno.com wrote:

> I am preparing to set up with PSK-31 here in the shack, and wonder
> what
> the minimum system requirements are for the computer end of the
> system.
>
> What are the PSK-31'ers out there using for computers? I want to
> run a
> S-L-O-W Pentium (75 MHz) with 24 Meg of RAM. Should this work?
>

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

This message powered by EMUMAIL. -- <http://www.EMUMAIL.com>

Date: Tue, 24 Oct 2000 17:45:08 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <mjfitz@uswest.net>
Cc: <qrp-1@Lehigh.EDU>
Subject: [82021] 160M mobile, ant. shootout
Message-ID: <001d01c03e0c\$0f608f90\$5ac07481@rohredt2000>

Hi,

You need to look at the ham radio book sellers for "40 Years of Mobileering"
I think it is called, or words to that effect. It is by the ham who
invented the fore runners to the "screwdriver" antennas for mobiles. These
are the battery screwdriver motor tuned tapped coils on PVC forms, that
usually bumper or hitch mount on a car/truck. With a big enough coil on
those, you can get decent output on 160M. And with an 8 foot whip.

However, Belrose wrote in "Communications Quarterly" a couple or so years
back that adding a longer whip while parked really improves how well the
antenna gets out.

Now, in the Mobileering book, the author also covers a version of the
antenna seen on old shrimp boats on the Gulf years ago. These were
essentially 160M rigs run on a bamboo pole wound up with a quarter wave of
wire for the frequency. The Mobile book had a sketch of the Reinartz mobile
antenna, where the pole is wound with wire in the fashion of looping back

like a paper clip loop, and then having others like that end to end. Thus, for a given pole length, you could get on longer wire radiator.

Don't overlook another idea. If you put up a loaded whip for 160M, say 8 foot, over a coil, then you could improve on that by clipping onto the top of the whip with a horizontal wire, and run that to another 8 foot whip on an insulated mount at the other end of the car. Thus, your antenna radiator section becomes a inverted U, with 16 feet vertical, in two pieces, and a horizontal wire the length of the vehicle, bumper to bumper. This will undoubtedly win any shoot out of antennas. IT would have to be loaded via a transmatch of course.

The shoot outs were gatherings of the mobile crowd to show off and measure the field strength of their latest mobile antenna. They had a marked circle they could drive around with a field strength meter in the middle. The antenna with the most output, on the average of all directions won. A team of judges would preside over the reading of the FS meter. This would be a fun and doable activity for clubs, QRP groups, etc.

72,
Stuart K5KVH

End of QRP-L Digest 1985

